

[FIG.1]

Examples of CQI Values

CQI Value

Poor propagation path conditions

5 Good propagation path conditions

[FIG.2]

101-1 MOBILE STATION APPARATUS

1011 RECEPTION QUALITY VALUE DETECTION SECTION

10 1012 RECEPTION QUALITY VALUE REPORTING SECTION

101-N MOBILE STATION APPARATUS

102-1 BASE STATION APPARATUS

1021 QUALITY DEFICIENCY SIGNAL GENERATION SECTION

1022 FIRST DATA TRANSMITTING SECTION

15 1023 SECOND DATA TRANSMITTING SECTION

1024 QUALITY DEFICIENCY SIGNAL REPORTING SECTION

1025 CONTROL SECTION

102-N BASE STATION APPARATUS

103 BASE STATION CONTROL APPARATUS

20 1031 CONTROL SIGNAL TRANSMITTING SECTION

[FIG.3]

101-1 MOBILE STATION APPARATUS

101-2 MOBILE STATION APPARATUS

25 102-1 BASE STATION APPARATUS

102-2 BASE STATION APPARATUS

103 BASE STATION CONTROL APPARATUS

[FIG.4]

301-1 MOBILE STATION APPARATUS

1011 RECEPTION QUALITY VALUE DETECTION SECTION

3011 RECEPTION QUALITY COMPARISON SECTION

5 3012 RECEPTION QUALITY COMPARISON RESULT REPORTING
SECTION

301-N MOBILE STATION APPARATUS

302-1 BASE STATION APPARATUS

3021 QUALITY DEFICIENCY DETECTION SECTION

10 1022 FIRST DATA TRANSMITTING SECTION

1023 SECOND DATA TRANSMITTING SECTION

1024 QUALITY DEFICIENCY SIGNAL REPORTING SECTION

1025 CONTROL SECTION

302-N BASE STATION APPARATUS

15 103 BASE STATION CONTROL APPARATUS

1031 CONTROL SIGNAL TRANSMITTING SECTION

[FIG.5]

301-1 MOBILE STATION APPARATUS

20 1011 RECEPTION QUALITY VALUE DETECTION SECTION

3011 RECEPTION QUALITY COMPARISON SECTION

3012 RECEPTION QUALITY COMPARISON RESULT REPORTING
SECTION

301-N MOBILE STATION APPARATUS

25 402-1 BASE STATION APPARATUS

1021 QUALITY DEFICIENCY SIGNAL GENERATION SECTION

1024 QUALITY DEFICIENCY SIGNAL REPORTING SECTION

4021 FIRST TRANSMITTING SECTION

4022 SECOND TRANSMITTING SECTION
4023 SECOND CONTROL SECTION
402-N BASE STATION APPARATUS
403 BASE STATION CONTROL APPARATUS
5 4031 SECOND CONTROL SIGNAL TRANSMITTING SECTION

[FIG.6]

501-1 MOBILE STATION APPARATUS
1011 RECEPTION QUALITY VALUE DETECTION SECTION
10 5011 QUALITY DEFICIENCY SIGNAL GENERATION SECTION
5012 QUALITY DEFICIENCY DETERMINATION SIGNAL REPORTING
SECTION
501-N MOBILE STATION APPARATUS
502-1 BASE STATION APPARATUS
15 5021 QUALITY DEFICIENCY DETERMINATION DETECTION SECTION
1022 FIRST DATA TRANSMITTING SECTION
1023 SECOND DATA TRANSMITTING SECTION
1024 QUALITY DEFICIENCY SIGNAL REPORTING SECTION
1025 CONTROL SECTION
20 502-N BASE STATION APPARATUS
103 BASE STATION CONTROL APPARATUS
1031 CONTROL SIGNAL TRANSMITTING SECTION

[FIG.7]

25 101-1 MOBILE STATION APPARATUS
1011 RECEPTION QUALITY VALUE DETECTION SECTION
1012 RECEPTION QUALITY VALUE REPORTING SECTION
101-N MOBILE STATION APPARATUS

102-1 BASE STATION APPARATUS

1021 QUALITY DEFICIENCY SIGNAL GENERATION SECTION

1022 FIRST DATA TRANSMITTING SECTION

1023 SECOND DATA TRANSMITTING SECTION

5 1024 QUALITY DEFICIENCY SIGNAL REPORTING SECTION

1025 CONTROL SECTION

102-N BASE STATION APPARATUS

603 BASE STATION CONTROL APPARATUS

6031 THIRD CONTROL SIGNAL TRANSMITTING SECTION

10

[FIG.8]

101-1 MOBILE STATION APPARATUS

1011 RECEPTION QUALITY VALUE DETECTION SECTION

1012 RECEPTION QUALITY VALUE REPORTING SECTION

15 101-N MOBILE STATION APPARATUS

702-1 BASE STATION APPARATUS

1021 QUALITY DEFICIENCY SIGNAL GENERATION SECTION

1022 FIRST DATA TRANSMITTING SECTION

1023 SECOND DATA TRANSMITTING SECTION

20 7021 QUALITY DEFICIENCY DETERMINATION SIGNAL REPORTING
SECTION

1025 CONTROL SECTION

702-N BASE STATION APPARATUS

103 BASE STATION CONTROL APPARATUS

25 1031 CONTROL SIGNAL TRANSMITTING SECTION